





- 19.-A system according to claim 11, wherein the optical aperture (21) of the optical sensor unit (10) masks a portion of the active display area (6), while the light sensor (22) does not mask any part of the active display area (6).
- 20.-A system according to claim 11, wherein the optical sensor unit stands out above the active display area a distance of 5 mm or less.
- 21.-A system according to any of claims 1 to 20, wherein the representative part of the active display area (6) of the image forming device (2) is less than 1% of the area of the active display area (6) of the image forming device (2), preferably less than 0.1%, still more preferred less than 0.01%.
- 22.-A method for real time correction of light output and/or colour of an image displayed on a display device (1), comprising:
- displaying the image on an active display area (6) on the display device (1),
  - making optical measurements on light emitted from a representative part of the active display area (6) and generating optical measurement signals (11) therefrom,
  - controlling the display of the image on the active display area (6) in accordance with the optical measurement signals (11),
- wherein the step of making optical measurements comprises selecting light such that the ratio between the amount of light used for control which is emitted or reflected from the display area at a subtended acceptance angle of 30° or less to the amount of light used for control which is emitted or reflected from the display area at a subtended acceptance angle of greater than 30° is X:1 where X is 1 or greater.
- 23.-A method according to claim 22, for carrying out luminance measurements.
- 24.-A method according to claim 23, wherein light output correction comprises luminance and/or contrast correction.
- 25.-A method for real time correction of light output and/or colour of an image displayed on a display device (1), comprising:
- displaying the image on an active display area (6) on the display device (1),
  - making optical measurements on light emitted from a representative part of the active display area (6) and generating optical measurement signals (11) therefrom,
  - controlling the display of the image on the active display area (6) in accordance with the optical measurement signals (11),

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- wherein the step of making optical measurements comprises attenuating light travelling at angles with a normal to the active display area (6) which are equal to or larger than  $10^\circ$  by at least 25%, attenuating light travelling at angles with a normal to the active display area (6) which are equal to or larger than  $20^\circ$  by at least 55%, and attenuating light travelling at angles with a normal to the active display area (6) which are equal to or larger than  $35^\circ$  by at least 85%.

- 26.- A method according to claim 25, for carrying out luminance measurements.
- 27.- A method according to claim 26, wherein light output correction comprises luminance and/or contrast correction.
- 28.- A method according to any of claims 22 to 27, wherein the step of making optical measurements comprises transmitting light from within the active display area (6) to outside the active display area (6).